

From: Greg.Baker@noaa.gov
To: Harry.Allen/ERT/R2/USEPA/US@EPA
Cc: Albert.Venosa/CI/USEPA/US@EPA; Dave.Wright/ERT/R2/USEPA/US@EPA; Eric.Delgado/R6/USEPA/US@EPA; Gary.Moore/R6/USEPA/US@EPA; Marc.Greenberg/ERT/R2/USEPA/US@EPA; Nancy.Jones/R6/USEPA/US@EPA; Terry.Burton/R6/USEPA/US@EPA
Subject: Re: Fw: Homogenizing and subsampling large containers of Deepwater source oil and weathered oil
Date: 12/19/2010 08:30 AM

Thanks, Helpful. Looking at my question I realize I should have specified not only a need to take a uniform sample for characterization, but a need for mixing the contents in the drums and totes prior to taking portions out, so that we may use the oil for studies and ensure that the portions are as similar to each other (and the original source oil) as practical. I want to purchase whatever equipment we need for mixing the contents of these containers this coming week.

Greg Baker

----- Original Message -----

From: Allen.Harry@epamail.epa.gov
Date: Friday, December 17, 2010 6:51 pm
Subject: Re: Fw: Homogenizing and subsampling large containers of Deepwater source oil and weathered oil

>
> Yes we have SOPs for this, but for some reason I can't connect at
> epaossc.org. Meanwhile, I think the attached SOPs from EPA Region 1
> (Soil, Sediment, Haz Waste) and the TVA (drummed oil and waste) should
> be able to help. Coring for solid waste and full column thief sampling
> are important where vertical stratification is possible. Number of
> subsamples and number of composite samples per unit being sampled are
> calculated based on the expected degree of homogeneity in the unit
> to be
> sampled. Samples all need to be preserved in such a way as to preserve
> the LSC fingerprint if identification is the goal.
>
> If this sampling is for disposal only, RCRA has a whole set of SOPs
> you can use.

> Harry
> (See attached file: Region 1 Soil Sampling SOP.pdf)(See attached file:
> TVA OP-24_Drum Sampling SOP.pdf)

>
> Harry L. Allen, Ph.D.
> US EPA/ERT
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> 2890 Woodbridge Ave.
> Edison, NJ 08837

> Phone 732 321-6747
> Fax 732 321-6724
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>
> From: Greg Baker <Greg.Baker@noaa.gov>
> To: Eric Delgado/R6/USEPA/US@EPA
> Cc: Albert Venosa/CI/USEPA/US@EPA, Harry
> Allen/ERT/R2/USEPA/US@EPA, Marc
> Greenberg/ERT/R2/USEPA/US@EPA, Dave
> Wright/ERT/R2/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA,
> Gary Moore/R6/USEPA/US@EPA, Terry Burton/R6/USEPA/US@EPA
> Date: 12/17/2010 02:45 PM
> Subject: Re: Fw: Homogenizing and subsampling large containers of
> Deepwater source oil and weathered oil

>
> These are two types of oil we are using for the NRDA:
> Source oil samples collected from vessels that received oil collected
> and pumped to the surface during the response, and
> Floating oil collected from skimming operations conducted by the
> response.

>
> The question is whether EPA has specific protocols for ensuring the
> uniformity of samples collected from large containers.

> Greg Baker

> On 12/17/2010 6:02 AM, Delgado.Eric@epamail.epa.gov wrote:

>
> Greg,
> Would you please answer Al's followup question?

>
> From: Albert Venosa
> Sent: 12/17/2010 08:46 AM EST
> To: Eric Delgado

> Cc: Harry Allen; Marc Greenberg; Dave Wright; Nancy Jones;
> "Gary Moore" <moore.gary@epa.gov>
> Subject: Re: Fw: Homogenizing and subsampling large containers
> of Deepwater source oil and weathered oil

> The message is unclear. Are these crude oil samples or
> samples of
> sediment contaminated with crude oil? I'd like to have a large
> supply of DWH crude oil if that's at all possible.

> AV

> Albert D. Venosa, Ph.D.
> Director, Land Remediation and Pollution Control Division
> National Risk Management Research Laboratory
> U.S. Environmental Protection Agency
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> Cincinnati, OH 45268
> Tel: 513-569-7668
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> Fax: 513-569-7620
> Email: venosa.albert@epa.gov

> -----Eric Delgado/R6/USEPA/US wrote: -----

> To: Harry Allen/ERT/R2/USEPA/US@EPA, Albert
> Venosa/CI/USEPA/US@EPA, Marc Greenberg/ERT/R2/USEPA/US@EPA,
> Dave Wright/ERT/R2/USEPA/US@EPA
> From: Eric Delgado/R6/USEPA/US
> Date: 12/16/2010 10:26PM
> Cc: Nancy Jones/R6/USEPA/US@EPA, "Gary Moore"
> <moore.gary@epa.gov>
> Subject: Fw: Homogenizing and subsampling large containers of
> Deepwater source oil and weathered oil

> Calling all EPA Brainiacs....

> Hey, guys I got this request from NOAA and thought you guys
> might be able to help. Please let me know if you are able to
> assist with this effort.

> Thanks

> Eric Delgado
> Federal On-Scene Coordinator
> US EPA Region 6
> 1445 Ross Ave (6SF-PR)
> Suite 1200
> Dallas, TX 75202
> 214-437-9809

> -----Forwarded by Eric Delgado/R6/USEPA/US on 12/16/2010
> 09:23PM -----

> To: Eric Delgado/R6/USEPA/US@EPA
> From: Greg Baker <Greg.Baker@noaa.gov>
> Date: 12/16/2010 05:39PM
> Cc: Robert A Taylor <Robert.A.Taylor@noaa.gov>
> Subject: Homogenizing and subsampling large containers of
> Deepwater source oil and weathered oil

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Greg Baker, NOAA